Malware Family (to Level 1) | Malware Sample Type | MD5 Hash

Actively Tested (immediately as significant updates and samples are available) (80% or higher detection rate)

Occasionally Tested (if many new samples or significant updates are available) (50 - 80% detection rate)

Tested when the mood strikes (50% or lower detection rate)

For Comparison, not an actual AntiVirus

Excluded from future testing (read notes)

Notes, comments, remarks, FAQ and everything else.

About this applications excluded from future testing

This list is a list of applications that are deactivated, do not run properly on newer versions of OS X, platform problems (some versions have multiple problems), or are no longer updated. Some applications are deactivated because they are redundant (for example, there is no reason to test Malwarebytes 1.75 on Mac OS X 10.9 when there are three versions of Malwarebytes 2 available that do the same functions and more).

Some applications are deactivated because they are no longer updated, or are no longer available for purchase, or are only available through a subscription service, or are only available through a download service, or are only available as a newer version of that product or module and not a different brand. Discontinued applications that may still be in use by people and systems are kept in the list.

Some applications in this list have no functionality left (for example, they can't detect anything because their definitions are too old). Some applications offer trial versions that have expired (for example, they can't detect anything because their definitions are too old). Other trials may only have been available from future testing until the vendor contacted us asking for a license so we feel the vendor has significantly improved their product.

Sometimes (rarely) we pull a vendor because of their licensing or their support.

About VirusTotal

VirusTotal is a service that analyzes files and URLs for malware. Quote: VirusTotal This is not an antivirus or antimalware product, and cannot be used as such. VirusTotal does not provide a "malware detection rate" or anything like it. VirusTotal's "detections" are not a measure of how good an antivirus is. Detections are a measure of how similar an antivirus is to the other antivirus engines and websites VirusTotal uses. Many AV companies use VirusTotal to see how their products stack up to the competition, and to see if their products are detecting the latest threats. Any AV company can (and does) use VirusTotal to see what they are missing, and what they need to detect to be competitive. Finding AV vendors that use VirusTotal to improve their detection is a sign of a company that takes their detection seriously. Finding AV vendors that claim that their detection is better because they get a lot of detections on files they uploaded to VirusTotal is a sure sign of a company that doesn't understand what VirusTotal is for or how their product works, and is a company you should avoid. For more information about how VirusTotal works and what it is for, see VirusTotal's FAQ.

About the Acme Mac

Acme Mac is a website I manage that collects, tests, documents and attempts to report all malware for the Mac platform. It is not complete but it does have affiliates in several countries. It focuses on malware that affects Mac OS X and iOS, and does not include malware that only affects Windows or other platforms. It does include malware that affects other platforms if it also affects Mac OS X or iOS. It does include malware that only affects a Mac because it hosts, stores, or distributes malware that affects a various platform. Finding and testing a malware that doesn't affect any Mac platform is much harder than finding and testing a malware that does affect a Mac platform. Most of the malware we test only affects Mac platform. It is much easier to find malware that affects Windows than it is to find malware that affects Mac OS X or iOS. Because of the relative rarity of Mac malware, this data collection process does not fit my needs. I need a much larger sample size to get any meaningful results.

Clean list

Acme Mac does have a clean list, but we can unintentionally detect a known infection file in our clean library. Meaning, infections detected in our clean library may not be real infections. We do our best to make sure that our clean library is free of infections, but we can't guarantee it. We do our best to make sure that our clean library is free of false positives, but we can't guarantee that either. Most importantly, our clean library may not represent your environment. We try to make our clean library represent what we think most people have on their systems, but we can't guarantee that our clean library represents your environment. Our clean library is not perfect, and should not be used as such. We use our clean library to find false positives, but it can't find false positives in your environment. We can't find false positives in your environment because we don't have your environment in our clean library. We can't even guarantee that our clean library doesn't contain malware, because we don't have the resources to test everything we add to our clean library. We do our best to make our clean library as useful as possible, but it is not perfect, and should not be used as such.

Is this a factory?

Acme Mac is not a factory. It is a collection, processing, and analysis facility, and testing is a similar history. I'm not used or sponsored by any of these companies/products and are not, nor are the results shown on this site or Malware Detection Rate Scorecard, in any way affiliated with any of these companies or their products. For example, Malwarebytes is a product with a very stable peak and the results shown on this site or Malware Detection Rate Scorecard are not affiliated with Malwarebytes in any way. Malwarebytes is a product with a very stable peak and the results shown on this site or Malware Detection Rate Scorecard are not affiliated with Malwarebytes in any way. Malwarebytes is a product with a very stable peak and the results shown on this site or Malware Detection Rate Scorecard are not affiliated with Malwarebytes in any way.

Purchasing/installing AV products based on this test

Acme Mac does not recommend, endorse, or support any AV products at the time of testing. You can change your right. By adding more samples it would be easier for AV companies to see what they are missing and improve their detection. Finding AV vendors that use VirusTotal to improve their detection is a sign of a company that takes their detection seriously. Finding AV vendors that claim that their detection is better because they get a lot of detections on files they uploaded to VirusTotal is a sure sign of a company that doesn't understand what VirusTotal is for or how their product works, and is a company you should avoid. For more information about how VirusTotal works and what it is for, see VirusTotal's FAQ. Most importantly, VirusTotal is not a factory. It is a collection, processing, and analysis facility, and testing is a similar history. Meaning that the results shown on this site or Malware Detection Rate Scorecard are not affiliated with any of these companies or their products.

Is the AV list complete this year?

These are all the major malware detectors for Mac that I know, many more detectors (all freely AV) I did not include in this year. I didn't include them because they are not worth testing. Most of the AV I didn't include in this year I didn't include because they don't have a stand-alone product, they only have a product that is part of a larger suite of security products, or they don't have a product that is worth testing. Most of the AV I didn't include in this year I didn't include because they don't have a product that is worth testing. Most of the AV I didn't include in this year I didn't include because they don't have a product that is worth testing.

Why have the total up to date version of the PDF

Because it takes a long time to update the PDF, and I want to be able to verify when the last update was. If there were significant changes there will be a post on the Acme Mac blog or on Twitter.

Malware Detection Rate Results

Last updated:
Friday, December 13th, 2019 CST
CD Number: 87, Accelerations
Site Traffic

Comments or feedback

If there is something you like about this test or if you have comments or suggestions feel free to reach out using the contact form on the website. I welcome comments or feedback.